

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040447.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 3:00
 Operator : AJ\MA
 Sample : N1016-01DL 5X
 Misc : 4 PPM LOD SOIL
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 04:32:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.747	1360453	9.512 ug/ml
Spiked Amount 50.000		Recovery =	19.02%
6) S 2-Fluorobiphenyl (SURR)	7.595	898231	9.433 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	18.87%
11) S ortho-Terphenyl (SURR)	10.630	1148284	7.348 ug/ml
Spiked Amount 50.000		Recovery =	14.70%
Target Compounds			
2) T Naphthalene (C11.7)	5.098	129132	0.807 ug/ml
3) T 2-Methylnaphthalene (...)	6.140	44688	0.275 ug/ml
7) T Acenaphthene (C15.5)	7.692	75910	0.471 ug/ml
8) T Fluorene (C16.55)	8.471	76230	0.490 ug/ml
9) T Phenanthrene (C19.36)	9.856	634691	4.126 ug/ml
10) T Anthracene (C19.43)	9.931	143707	0.984 ug/ml
12) T Fluoranthene (C21.85)	11.658	973149	6.267 ug/ml
13) T Pyrene (C20.8)	11.950	755780	5.007 ug/ml
14) T Benzo[a]anthracene (C...	13.818	443967	3.347 ug/ml
15) T Chrysene (C27.41)	13.858	481749	3.294 ug/ml
16) T benzo[b]fluoranthene ...	15.363	567379	4.152 ug/ml
17) T Bnezo[k]fluoranthene ...	15.391	196755	1.421 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.737	402379	3.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.097	262869	2.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.151	53218	0.438 ug/ml
21) T Benzo[g,h,i]perylene ...	17.346	250138	1.948 ug/ml

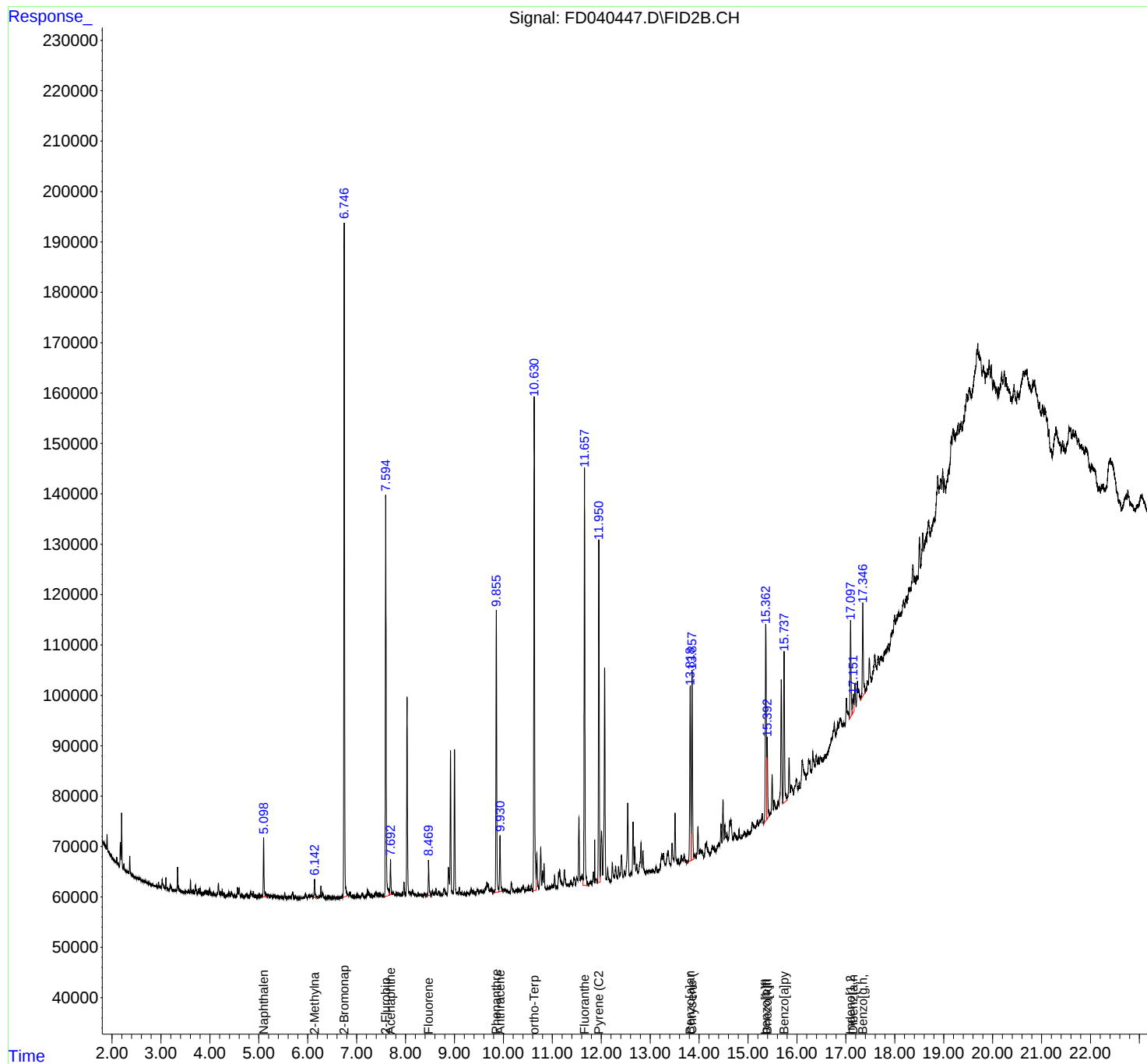
(f)=RT Delta > 1/2 Window

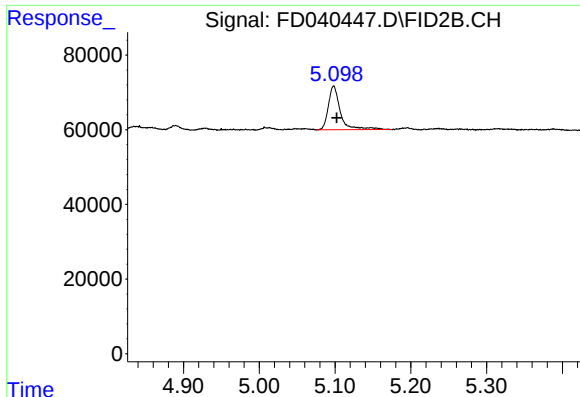
(m)=manual int.

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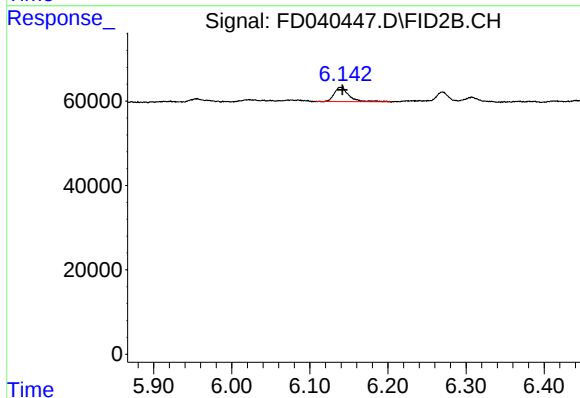
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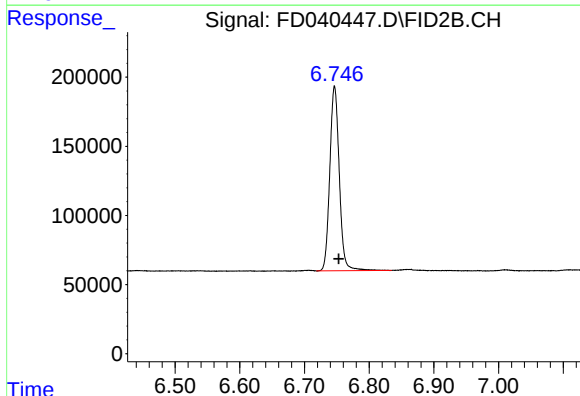
#2 Naphthalene (C11.7)

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 129132
Conc: 0.81 ug/ml



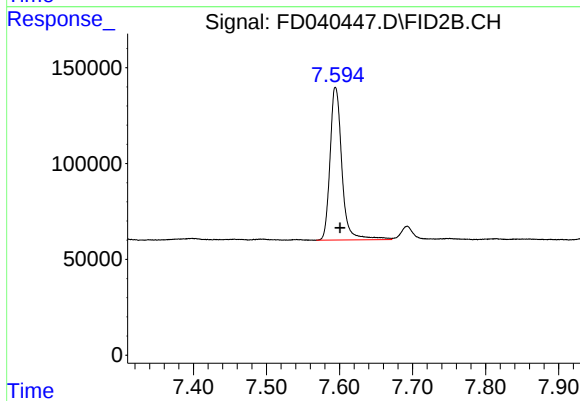
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 44688
Conc: 0.28 ug/ml



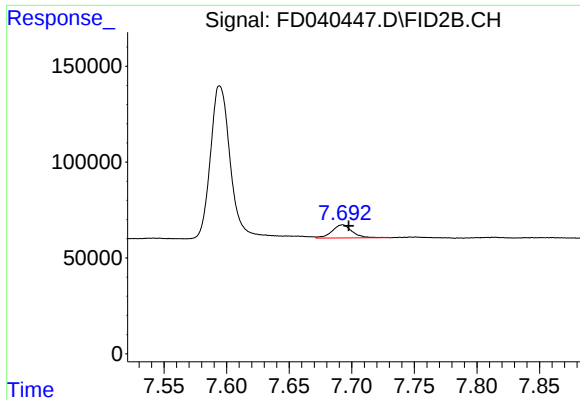
#4 2-Bromonaphthalene (SURR)

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 1360453
Conc: 9.51 ug/ml



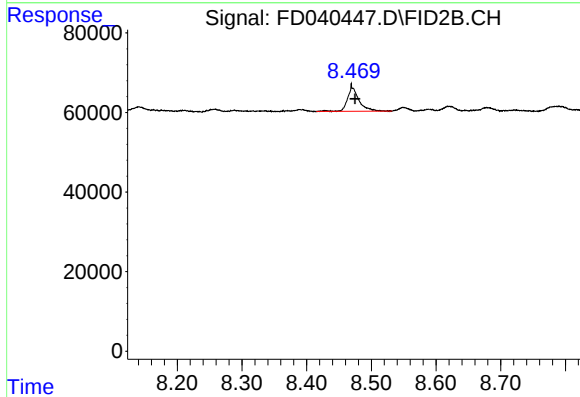
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.595 min
Delta R.T.: -0.006 min
Response: 898231
Conc: 9.43 ug/ml



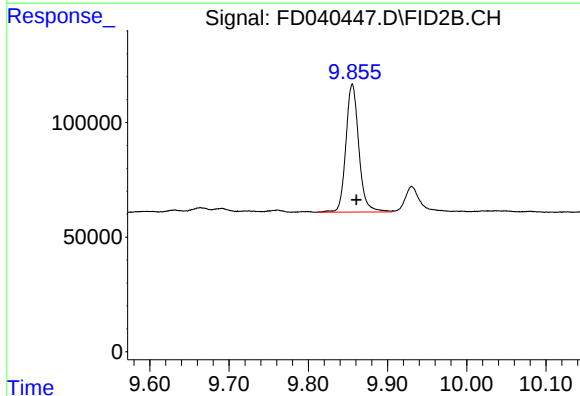
#7 Acenaphthene (C15.5)

R.T.: 7.692 min
Delta R.T.: -0.005 min
Response: 75910
Conc: 0.47 ug/ml



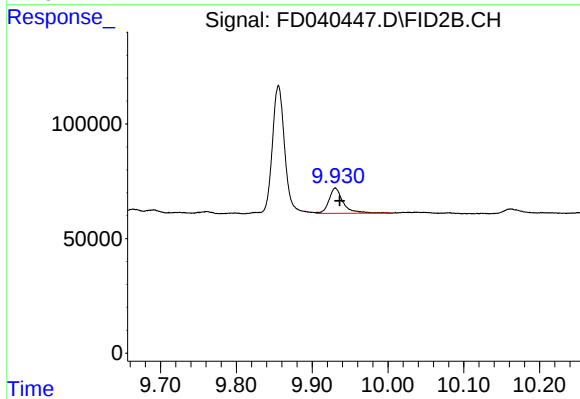
#8 Flouorene (C16.55)

R.T.: 8.471 min
Delta R.T.: -0.004 min
Response: 76230
Conc: 0.49 ug/ml



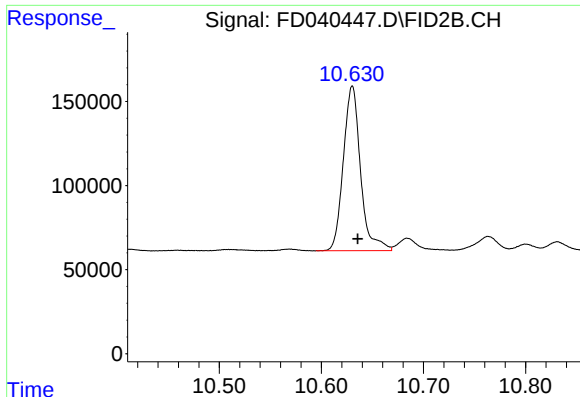
#9 Phenanthrene (C19.36)

R.T.: 9.856 min
Delta R.T.: -0.005 min
Response: 634691
Conc: 4.13 ug/ml



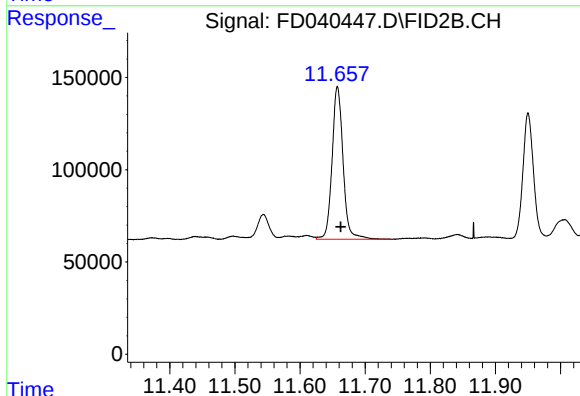
#10 Anthracene (C19.43)

R.T.: 9.931 min
Delta R.T.: -0.005 min
Response: 143707
Conc: 0.98 ug/ml



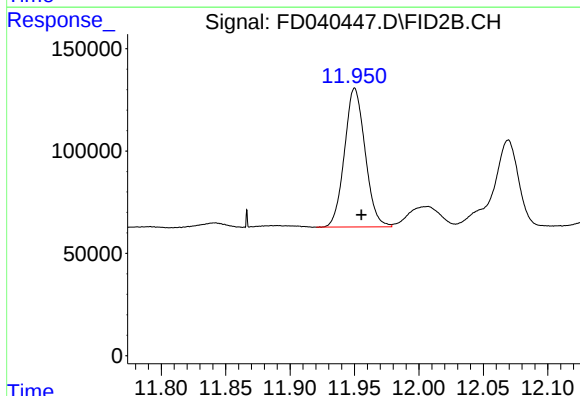
#11 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.006 min
Response: 1148284
Conc: 7.35 ug/ml



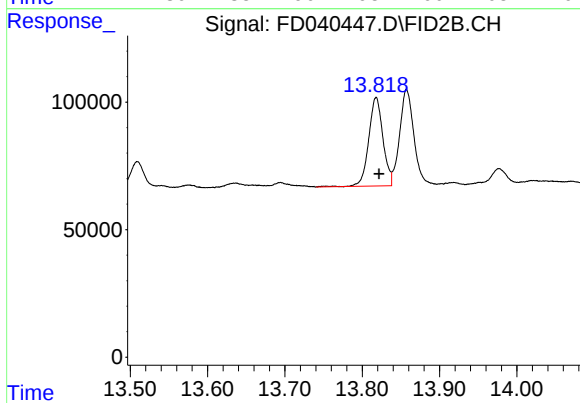
#12 Fluoranthene (C21.85)

R.T.: 11.658 min
Delta R.T.: -0.005 min
Response: 973149
Conc: 6.27 ug/ml



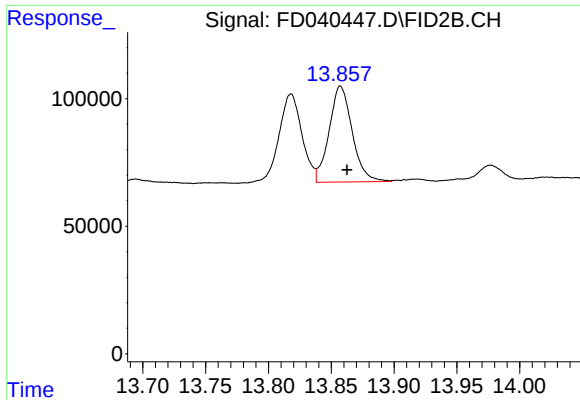
#13 Pyrene (C20.8)

R.T.: 11.950 min
Delta R.T.: -0.005 min
Response: 755780
Conc: 5.01 ug/ml



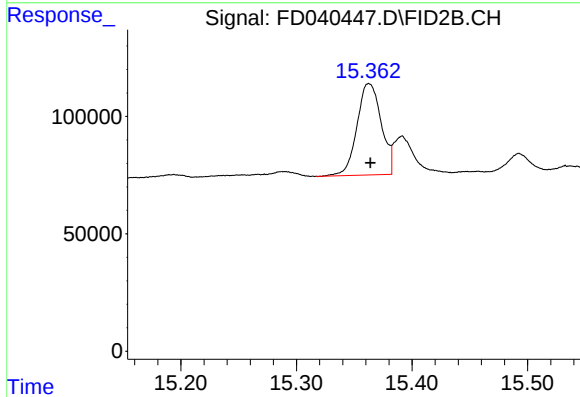
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.818 min
Delta R.T.: -0.004 min
Response: 443967
Conc: 3.35 ug/ml



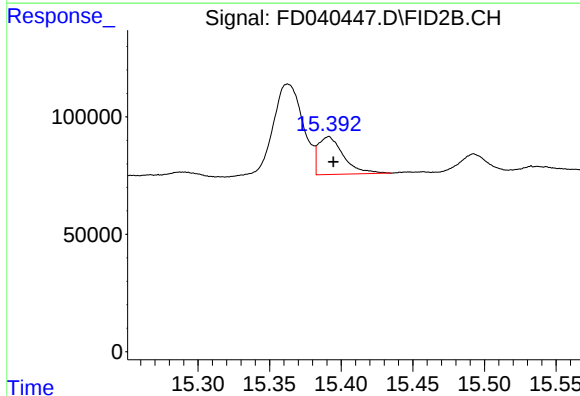
#15 Chrysene (C27.41)

R.T.: 13.858 min
Delta R.T.: -0.005 min
Response: 481749
Conc: 3.29 ug/ml



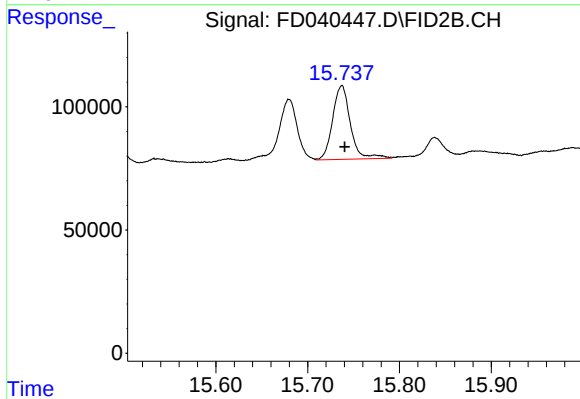
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.363 min
Delta R.T.: 0.000 min
Response: 567379
Conc: 4.15 ug/ml



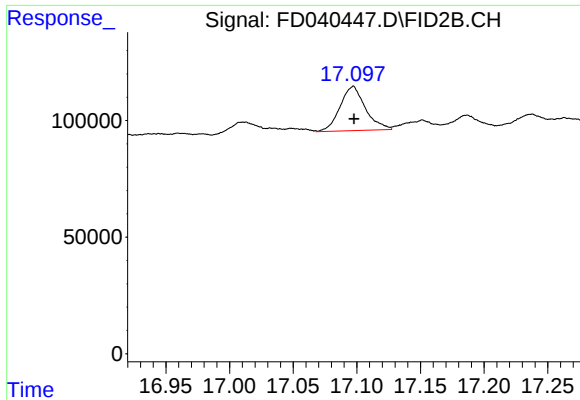
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.391 min
Delta R.T.: -0.004 min
Response: 196755
Conc: 1.42 ug/ml



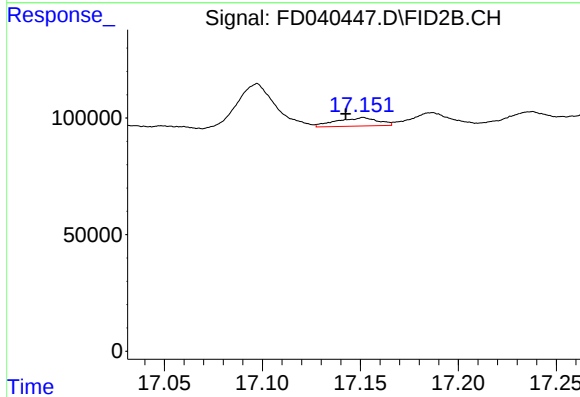
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.737 min
Delta R.T.: -0.003 min
Response: 402379
Conc: 3.09 ug/ml



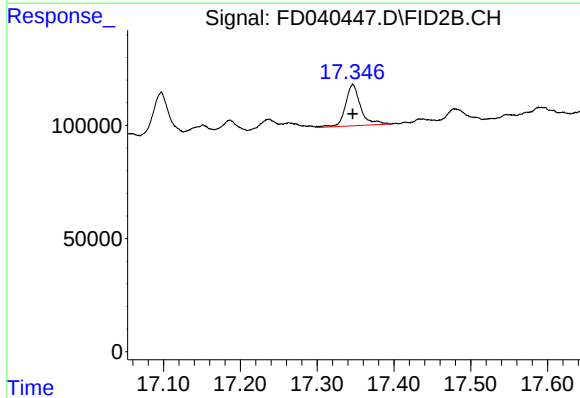
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.097 min
Delta R.T.: -0.001 min
Response: 262869
Conc: 2.16 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.151 min
Delta R.T.: 0.009 min
Response: 53218
Conc: 0.44 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.346 min
Delta R.T.: 0.000 min
Response: 250138
Conc: 1.95 ug/ml